

How much does a low-voltage cable tray cost in the Middle East

Article Overview

Low-voltage cable trays in the Middle East typically cost between \$2 and \$25 per meter, depending on material, type, size, and finish.

Price Range and Material Considerations

The cost of cable trays varies widely based on material and design. Common options include:

- o Galvanized Steel (GI): Economical and widely used for indoor commercial installations, offering corrosion resistance and durability. Prices generally range from \$10 to \$30 per meter for standard ladder or perforated trays .
- o Hot-Dip Galvanized (HDG): More expensive due to thicker zinc coating, suitable for outdoor or industrial environments where corrosion resistance is critical .
- o Aluminum: Lightweight and rust-proof, typically costing \$20 to \$50 per meter, and reduces the need for heavy support structures .
- o Stainless Steel: Highest cost, used in highly corrosive or hygienic environments like food plants or coastal areas .
- o Plastic or PVC trays: Budget-friendly but not suitable for heavy loads or high-temperature applications .

Tray Type and Size

- o Ladder trays: Stronger, support heavier cables, slightly higher cost.
- o Wire mesh or perforated trays: Cheaper, ideal for lightweight low-voltage cabling .
- o Tray dimensions (width, height, thickness) directly affect cost; larger or thicker trays for industrial applications are more expensive .

Installation and Project Factors

- o Labour costs, equipment depreciation, and shipping can influence the total project cost .
- o Bulk orders or long-term supply contracts can reduce per-meter pricing.
- o Environmental conditions (indoor vs. outdoor, corrosive environments) determine the choice of material and coating, impacting cost .

Practical Example

A 600mm x 50mm x 3m GI cable tray suitable for industrial low-voltage applications in the UAE is available at a cost-effective price, providing corrosion resistance and ease of installation for both indoor and outdoor use



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Summary

For low-voltage installations in the Middle East, expect to pay \$2-\$25 per meter, with galvanized steel being the most economical, aluminum moderately priced, and stainless steel the premium option. Costs are influenced by material, tray type, size, coating, and installation requirements, and bulk purchasing can provide significant savings .

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Bonn Group is a leading cable tray manufacturer & supplier in UAE. Offering durable GI cable trays, cable tray sizes & types, cable

Cable trays - large product range in ELMARK.

Wire Mesh Cable Trays Wire mesh trays are ideal for structured cabling, data communication, and lighting control systems. They

Compare cable tray costs by type, material, and installation. Find the most cost-effective option for your project in this

The Middle East cable trays market stands as a critical component of the region's industrial and infrastructural

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When it comes to organizing and managing electrical cables, choosing the right cable tray not only ensures efficiency but also

Discover the key factors affecting cable tray price per meter, including materials, demand, and competition. Get cost

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Selecting the right cable tray manufacturer in the Middle East can be challenging, as it requires evaluating regional

Pricing within the Middle East cable trays market is influenced by a volatile mix of global commodity inputs, regional

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